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Modified PTO/SB/21 (08-00)
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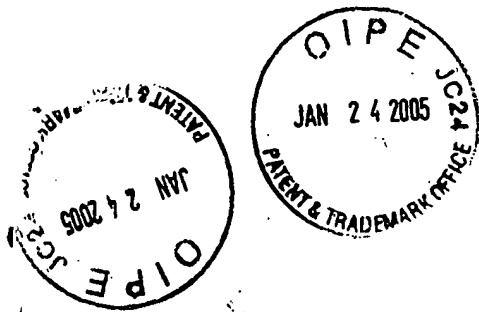
TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/626,057
	Filing Date	July 24, 2003
	First Named Inventor	Tom RICHARDSON
	Group Art Unit	2819
	Examiner Name	Not yet assigned
Total Number of Pages in This Submission		Attorney Docket Number Flarion-9APPCON (33)

ENCLOSURES <i>(check all that apply)</i>		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers <i>(for an Application)</i> <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i> <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Postcard Receipt <input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i> References DA -DC
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Michael P. Straub (Reg. No. 36,941)
Signature	<i>Michael P. Straub</i>
Date	January 18, 2005

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IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

Attorney Docket No.: **Flarion-9APPCON (33)**

Applicants: **Tom RICHARDSON, Vladimir NOVICHKOV**

Serial No.: **10/626,057**

Filing Date: **July 24, 2003**

Title: **METHODS AND APPARATUS FOR DECODING LDPC CODES**

Examiner: **Not yet assigned**

Group Art Unit: **2819**

Commissioner for Patents
P.O. Box 1450
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Information Disclosure Statement Transmittal

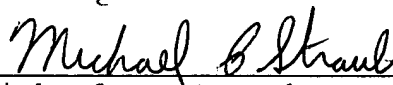
The applicants respectfully request that the references listed on the attached PTO/SB/08A be considered in the examination of the above-identified application. A copy of each of these references, except for U.S. patents and patent application publications is enclosed. (See the notice, "Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications Filed After June 30, 2003," Pre-OG Notices (July 11, 2003).)

The applicants reserve the right to establish that any of the references listed on the attached PTO/SB/08A are not prior art to the above-captioned application.

Since a first Office Action on the merits has not yet been received, the applicants assume that this Information Disclosure Statement should be considered under 37 C.F.R. §§ 1.97(b)(3). Accordingly, it is believed that no fee is due. If, however, an Office Action on the merits has been mailed before the filing date of this Information Disclosure Statement, the Office is authorized to charge any fee required to have the Information Disclosure Statement considered to the deposit account of Straub & Pokotylo, deposit account number 50-1049.

Respectfully submitted,

Dated: January 18, 2005

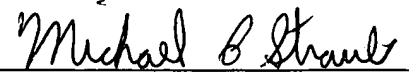


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36,941
Reg. No.

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U.S. Department of Commerce
Patent and Trademark OfficeComplete if Known**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Application Number: **10/626,057**
 Filing Date: **July 24, 2003**
 First Named Inventor: **Tom RICHARDSON**
 Group Art Unit: **2819**
 Examiner Name: **Not yet assigned**

Sheet **1** of **2** Attorney Docket No.: **Flarion-9APPCON (33)**

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines where relevant Passages or Figures appear
	BA	5,157,671	10-20-1992	KARPLUS	
	BB	5,271,042	12-14-1993	BORTH et al.	
	BC	5,293,489	03-08-1994	FURUI et al.	
	BD	5,313,609	05-17-1994	BAYLOR et al.	
	BE	5,457,704	10-10-1995	HOEHER et al.	
	BF	5,615,298	03-25-1997	CHEN	
	BG	5,671,221	09-23-1997	YANG	
	BH	5,864,703	01-26-1999	VAN HOOK et al.	
	BI	5,867,538	02-02-1999	LIU	
	BJ	5,933,650	08-03-1999	VAN HOOK et al.	
	BK	5,968,198	10-19-1999	HASSAN	
	BL	6,002,881	12-14-1999	YORK et al.	
	BM	6,073,250	06-06-2000	LUBY et al.	
	BN	6,195,777	02-27-2001	LUBY et al.	
	BO	6,247,158	06-12-2001	SMALLCOMB	
	BP	6,266,758	07-24-2001	VAN HOOK et al.	
	BQ	6,298,438	10-02-2001	THAYER et al.	
	BR	6,339,834	01-15-2002	CROZIER et al.	
	BS	6,397,240	05-28-2002	FERNANDO et al.	
	BT	6,438,180	08-20-2002	KAVCIC et al.	
	BU	6,484,284	11-19-2002	SMALLCOMB	
	BV	6,526,538	02-25-2003	HEWITT	
	BW	6,633,856	10-14-2003	RICHARDSON et al.	
	BX	US 2004/0034828	02-19-2004	HOCEVAR	
	BY	6,718,504	04-06-2004	COOMBS et al.	
	BZ	6,731,700	05-04-2004	YAKHNICH et al.	
	CA	6,754,804	06-22-2004	HUDEPOHL et al.	

Examiner Initials*	Cite No. ¹	Foreign Patent Document Office ³ Number ⁴	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

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1 Unique citation designation number. 2 See attached kinds of U.S. Patent Documents. 3 Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16, if possible. 6 Applicant is to place a check mark here if English language translation is attached.

U.S. Department of Commerce Patent and Trademark Office		<u>Complete if Known</u>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number:	10/626,057
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		Examiner Name:	Not yet assigned
Sheet	2	of	2
		Attorney Docket No.:	Flarion-9APPCON (33)

OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume, issue number(s), publisher, country, where published, source	T ²
	DA	Saied Hemati, Amir H. Banihashemi, VLSI circuits: Iterative decoding in analog CMOS, Proceedings of the 13 th ACM Great Lakes Symposium on VLSI April 2003, Pages:15-20.	
	DB	Mohammad M. Mansour, Naresh R. Shanbhag, Session 11: Low-power VLSI decoder architectures for LDPC codes, Proceedings of the 2002 international symposium on Low power electronics and design August 2002, Pages: 284-289.	
	DC	W. W. Peterson and E.J. Weldon, Jr., "Error-Correcting Codes", Second Edition, The Massachusetts Institute of Technology, pp212-213,261-263, 263, (1986)	

Examiner Signature		Date Considered	
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